



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

October 25, 2004

SUBJECT: FAI Route 80

Project MA-080-5(062)159

Section (2425 & 2626)R-1

Cook County

Item No. 3X, November 5, 2004 Letting

Addendum A

## NOTICE TO PROSPECTIVE BIDDERS:

Attached is an addendum to the plans or proposal. This addendum involves revised and/or added material.

1. Revised pages 64 – 70 of the Special Provisions.
2. Revised pages 6, 11, 12 and 13 of the Schedule of Prices.
3. Revised sheets 5, 7, 8, 22, 24, 51-53, 114, 117, 180, 193, 217, 402, 404, 411, 420, 428-430, 469, 471, 491 & 492 of the Plans.

Prime contractors must utilize the enclosed material when preparing their bid and must include any Schedule of Prices changes in their bidding proposal.

Bidders using computer-generated bids are cautioned to reflect any and all Schedule of Prices changes, if involved, into their computer programs.

Very truly yours,

Michael L. Hine  
Engineer of Design  
and Environment

A handwritten signature in cursive script, reading 'Ted B. Walschleger' followed by 'P.E.'.

By: Ted B. Walschleger, P. E.  
Engineer of Project Management

cc: Diane O'Keefe; N. R. Stoner; Roger Driskell; R. E. Anderson; Jim White;  
Design & Environment File

TBW:TK:jc

# ELECTRICAL

## **GENERAL ELECTRICAL REQUIREMENTS**

### **GENERAL ELECTRICAL REQUIREMENTS**

Effective: October 1, 2004

Add the following to Article 801 of the Standard Specifications:

#### Preconstruction Inspection:

General. Before performing any excavation, removal, or installation work (electrical or otherwise) at the site, the Contractor shall request a preconstruction site inspection, to be held in the presence of the Engineer and a representative of the party or parties responsible for maintenance of any lighting and/or traffic control systems which may be affected by the work. The request for the and preconstruction inspection shall be made no less than seven (7) calendar days prior to the desired inspection date. The preconstruction inspection shall establish the approximate location and operating condition of lighting and/or traffic control systems which may be affected by the work

Marking of Existing Cable Systems. The contractors responsible for construction and maintenance of existing underground cable routes within this contract's limits of improvement shall, at the Contractor's request, mark and/or stake, once per location, all of the underground cables for which they have maintenance responsibility or which they have constructed but have not yet been accepted by the State. A project may involve multiple "locations" where separated electrical systems are involved (i.e. different controllers). The markings shall be taken to have a horizontal tolerance of at least 304.8 mm (one (1) foot) to either side. The requests for the cable locations and marking shall be made at the same time the request for the preconstruction inspection is made. The Contractor shall exercise extreme caution where existing buried cable runs are involved. The markings of existing systems are made strictly for assistance to the Contractor and this does not relieve the Contractor of responsibility for the repair or replacement of any cable run damaged in the course of his work, as specified elsewhere herein. NOTE THAT THE CONTRACTOR SHALL BE ENTITLED TO ONLY ONE REQUEST FOR LOCATION MARKING OF EXISTING SYSTEMS AND THAT ADDITIONAL REQUESTS MAY ONLY BE HONORED AT THE CONTRACTOR'S EXPENSE.

Proposed Electrical Equipment and Cable Systems. Proposed temporary and permanent electrical equipment and underground cables may be installed by other contractors within the limits of improvement of this contract while this work in this contract is being performed. The Contractor shall coordinate the work in this contract with other contractors as required elsewhere in these special provisions.

Revised 10-25-2004

This coordination includes but is not limited to coordinating construction sequences and noting the location of electrical equipment and underground cables as such work is performed and preserving such information as a supplement to the initial existing cable locations provided to the Contractor. The Contractor shall have the same responsibility for preventing damage to, and liability for repairing any damage done to, electrical equipment and underground cables installed during the execution of this contract, as for electrical equipment and underground cables existing at the start of work under this contract.

Add the following to Article 801 of the Standard Specifications:

“Electrical material or equipment which are similar or identical shall be the product of the same manufacturer, Electrical materials and equipment shall bear the UL label whenever such labeling is available.”

Revise the 7<sup>th</sup> and 8<sup>th</sup> paragraphs of Article 801.08 of the Standard Specifications to read:

“Engineer's Stamp. After the Engineer reviews the submittals for conformance with the design concept of the project, the Engineer will stamp the drawings indicating their status as ‘Approved’, ‘Approved-As-Noted’, ‘Disapproved’, or ‘Information Only’. Since the Engineer's review is for conformance with the design concept only, it is the Contractor's responsibility to coordinate the various items into a working system as specified. The Contractor shall not be relieved from responsibility for errors or omissions in the shop, working, layout drawings, or other documents by the Department's approval thereof. The Contractor must still be in full compliance with contract and specification requirements.

Resubmittals. All submitted items reviewed and marked ‘APPROVED AS NOTED’, or ‘DISAPPROVED’ are to be resubmitted in their entirety with a disposition of previous comments to verify contract compliance at no additional cost to the state unless otherwise indicated within the submittal comments.”

The Contractor shall coordinate the electrical work performed under this contract with other contracts as required in the Standard Specification Article 105.08 and as modified in these special provisions.

The Contractor shall mandrel-test and provide pulling ropes for all embedded conduits as required in the fifth paragraph of Article 812.03(a) of the Standard Specifications. This work is included in the payment for raceways embedded in structure.

Revised 10-25-2004

FAI-80/94 (Kingery Expressway)  
Eastbound & Westbound Outside Lanes (Mainline) Construction  
From West of Illinois Route 83 (Torrence Avenue) To East of Burnham Avenue  
Section (2425 & 2626) R-1  
County: Cook

Deleted 10-25-2004

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**COILABLE NON-METALLIC CONDUIT**

Effective: March 10, 2004

Revise Article 1088.01(c) to read:

"(c) Coilable Nonmetallic Conduit.

Polyethylene Duct. The duct shall be a plastic duct which is intended for underground use and can be manufactured and coiled or reeled in continuous transportable lengths and uncoiled for further processing and/or installation without adversely affecting its properties of performance.

The duct shall be made of high density polyethylene which shall meet the requirements of ASTM D 2447, for schedule 40. The duct shall be composed of black high density polyethylene meeting the requirements of ASTM D 3350, Class C, Grade P33. The wall thickness shall be in accordance with Table 2 for ASTM D 2447.

Revised 10-25-2004



**ILLINOIS DEPARTMENT OF TRANSPORTATION  
SCHEDULE OF PRICES**

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**CONTRACT  
NUMBER -**

62110

State Job # - C-91-016-01  
PPS NBR - 1-76843-0100  
County Name - COOK- -  
Code - 31 - -  
District - 1 - -  
Section Number - (2425 & 2626)R-1

Project Number  
MA-0805/062/159

Route  
FAI 80

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
M5030360	CONC SUP-STR	CU M	791.000				
M5030380	RUSTICATION FINISH	SQ M	2,694.000				
M5030390	BR DECK GROOVING	SQ M	2,522.000				
M5030450	PROTECTIVE COAT	SQ M	6,459.000				
M5041372	F&E P P CON I-BM 1372	METER	761.600				
M5050305	ERECT STRUCT STEEL	L SUM	1.000				
M5050405	F & E STRUCT STEEL	KG	550.000				
M5080105	REINFORCEMENT BARS	KG	10,160.000				
* M5080205	REINF BARS, EPOXY CTD	KG	511,620.000				
M5110100	SLOPE WALL 100	SQ M	1,074.000				
M5120115	F MET PILE SHELL 356	METER	16,981.500				
M5120160	F STL PILE HP310X79	METER	2,862.000				
M5120315	DRIVE STL PILE	METER	2,862.000				
M5120340	DRIV & FILLING SHELLS	METER	16,981.500				
M5120460	TEST PIL ST HP310X79	EACH	4.000				
		* REVISED : OCTOBER 19, 2004					

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**62110**

**Route**  
**FAI 80**

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
M7800405	PREF PL PM TB LN 100	METER	7,999.000				
M7800410	PREF PL PM TB LN 125	METER	2,566.000				
M7800420	PREF PL PM TB LN 200	METER	3,227.000				
M7800425	PREF PL PM TB LN 300	METER	833.000				
* M7800605	EPOXY PVT MK LN 100	METER	8,070.000				
* M7800610	EPOXY PVT MK LN 125	METER	1,197.000				
* M7800620	EPOXY PVT MK LN 200	METER	1,349.000				
M7800625	EPOXY PVT MK LN 300	METER	78.000				
* M7830100	PAVT MARKING REMOVAL	SQ M	166.000				
M8120230	CON EMB STR 50 PVC	METER	45.000				
M8120250	CON EMB STR 75 PVC	METER	9.000				
M8131400	JBX NM ES 525X275X200	EACH	9.000				
XX001452	CONC MASONRY BULKHEAD	EACH	4.000				
X0322208	TEMP STORM SEWER PLUG	EACH	1.000				
X0322936	REMOV EX FLAR END SEC	EACH	4.000				
X0323426	SED CONT DR ST INL CL	EACH	167.000				
		* REVISED : OCTOBER 19, 2004					

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X0324044	EROS CON TEMP P SL DR	EACH	3.000				
X0324045	SED CON STAB CON EN R	EACH	10.000				
X0324749	REM CHANG MESS SN STR	EACH	1.000				
X0324750	NOISE ABATE WALL ARAS	EACH	43.000				
X0504200	CONCRETE HEADWALL	EACH	1.000				
X6020090	MANOLE W/RESTRICT PLT	EACH	4.000				
X6020166	DR STR T1 SP 2T20F&G	EACH	22.000				
X6020167	DR STR T2 SP 2T22F&G	EACH	3.000				
X7011015	TR C-PROT EXPRESSWAYS	L SUM	1.000				
X7013820	TR CONT SURVEIL EXPWY	CAL DA	207.000				
X7015000	CHANGEABLE MESSAGE SN	CAL MO	10.000				
Z0002600	BAR SPLICERS	EACH	2,116.000				
* Z0002605	BAR SPLICERS, SPECIAL	EACH	231.000				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.000				
Z0014700	CULVERT TO BE CLEANED	EACH	2.000				
				* REVISED : OCTOBER 19, 2004			

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
Z0018600	DRAINAGE STR RECONST	EACH	7.000				
Z0030030	IMP ATTEN FRD NAR TL3	EACH	1.000				
* Z0030150	IMPACT ATTEN NRD TL3	EACH	2.000				
Z0030240	IMP ATTN TEMP NRD TL2	EACH	1.000				
* Z0030250	IMP ATTN TEMP NRD TL3	EACH	4.000				
Z0030330	IMP ATTN REL FRD TL3	EACH	1.000				
* Z0030350	IMP ATTN REL NRD TL3	EACH	1.000				
Z0076600	TRAINEES	HOUR	3,500.000		0.800		2,800.000
28000300	TEMP DITCH CHECKS	EACH	6.000				
28000510	INLET FILTERS	EACH	167.000				
40702700	FURNISH PROFILOGRAPH	L SUM	1.000				
50100100	REM EXIST STRUCT	EACH	1.000				
50300310	ELAST BEARING ASSY T1	EACH	56.000				
50500505	STUD SHEAR CONNECTORS	EACH	4,335.000				
51203200	TEST PILE MET SHELLS	EACH	8.000				
51500100	NAME PLATES	EACH	3.000				
60100060	CONC HDWL FOR P DRAIN	EACH	2.000				
		* REVISED : OCTOBER 19, 2004					